

ITEM	QTY -041	P/N	DESCRIPTION
1	X	D4970-041	WINDSHIELD DEFLECTOR ASSY
2	1	D4970-1	WINDSHIELD DEFLECTOR - LOWER
3	1	D4970-3	WINDSHIELD DEFLECTOR - UPPER
4	2	D4970-5	DOUBLER
5	6	MS20470AD6-12	RIVET, SOLID, PAN HEAD

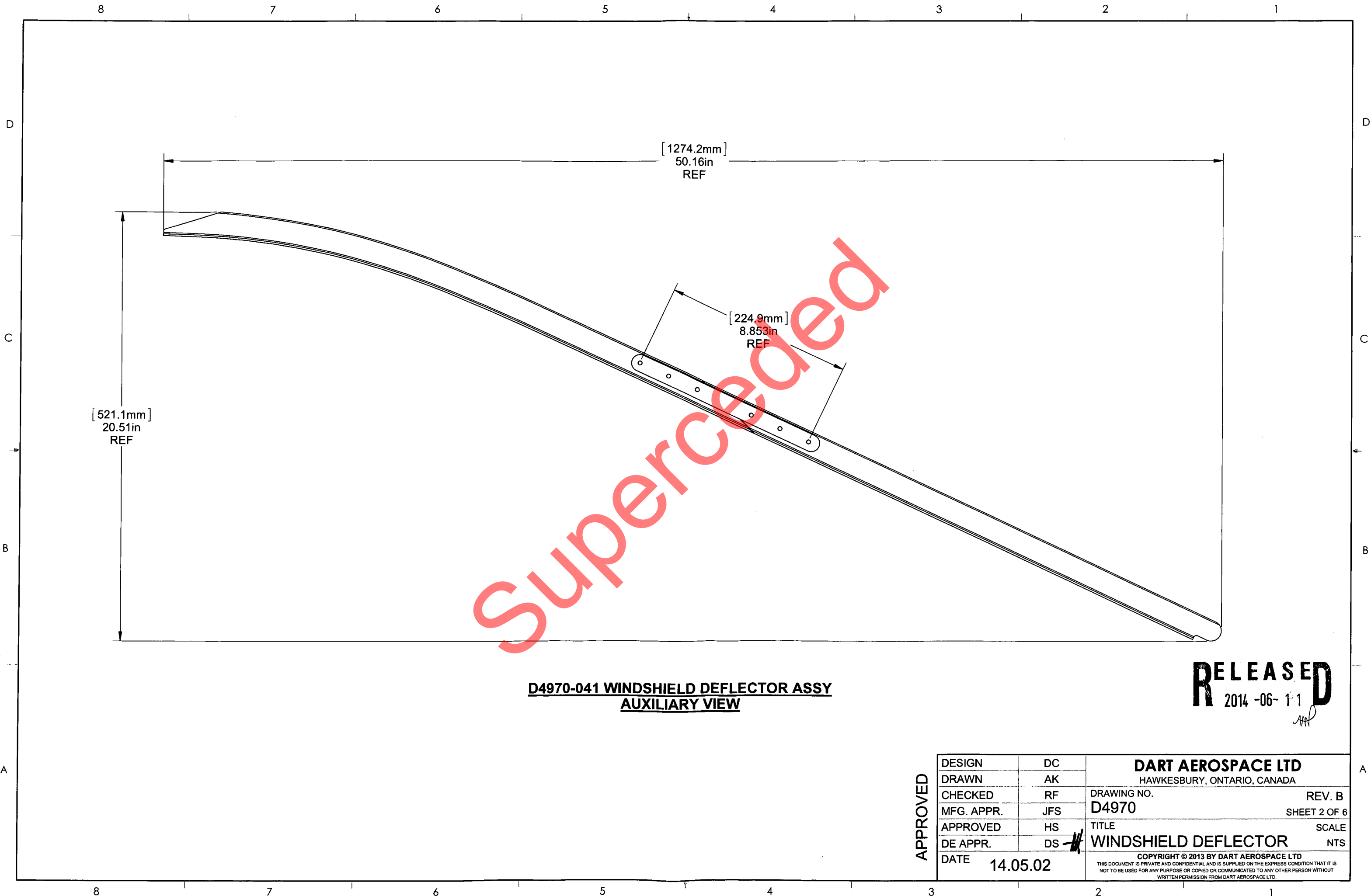
D4970-041 WINDSHIELD DEFLECTOR ASSY

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: PRIME IAW MIL-P-23377J TYPE I CLASS N: 1-2 MIL MAX, AS PER QSI 005. APPLY FINISH AFTER ASSEMBLY
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4970-041", AGUSTA WESTLAND P/N "TBD", REVISION, BATCH NUMBER AND DATE OF MANUFACTURE, USING AN X-TENSION STAMP, PER QSI 044 METHOD 6.2
  - 7) WEIGHT: 3.14 lbs (1.44 kgs)
  - 8) APPLY RTV SEALANT LOCTITE 598 TO FAYING SURFACES

RELEASED  
2014-06-11

B	ADDED HOLES TO D4970-1 AND D4970-3. ADDED SHEET 5	AK	14.05.02
A	NEW ISSUE	DC	13.11.08
REV.	DESCRIPTION	BY	DATE
DESIGN	DC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AK		
CHECKED	RF	DRAWING NO.	REV. B
MFG. APPR.	JFS	D4970	SHEET 1 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	WINDSHIELD DEFLECTOR	NTS
DATE	14.05.02	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

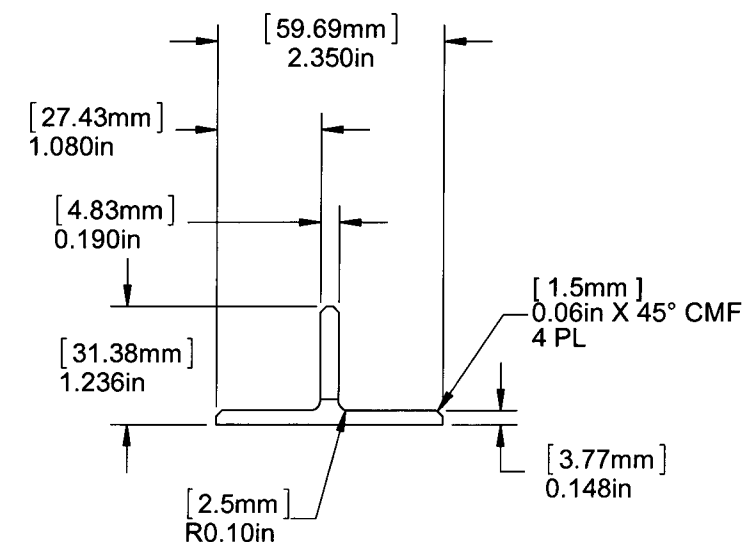
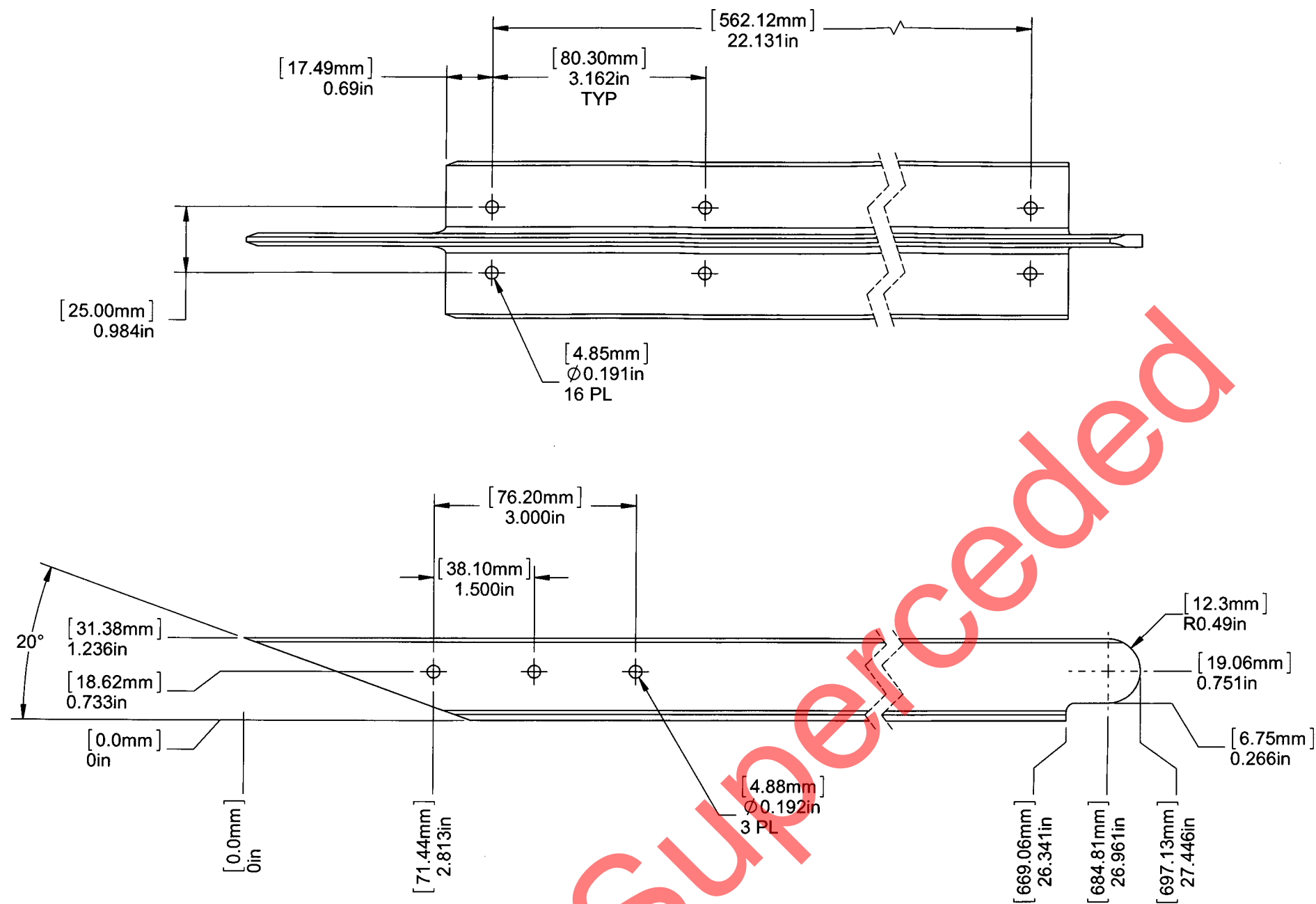
APPROVED



**D4970-041 WINDSHIELD DEFLECTOR ASSY**  
**AUXILIARY VIEW**

**RELEASED**  
2014-06-11

APPROVED	DESIGN	DC	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
	DRAWN	AK		
	CHECKED	RF	DRAWING NO.	REV. B
	MFG. APPR.	JFS	<b>D4970</b>	SHEET 2 OF 6
	APPROVED	HS	TITLE	SCALE
	DE APPR.	DS	<b>WINDSHIELD DEFLECTOR</b>	NTS
DATE 14.05.02			COPYRIGHT © 2013 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



**B D4970-1 WINDSHIELD DEFLECTOR - LOWER**

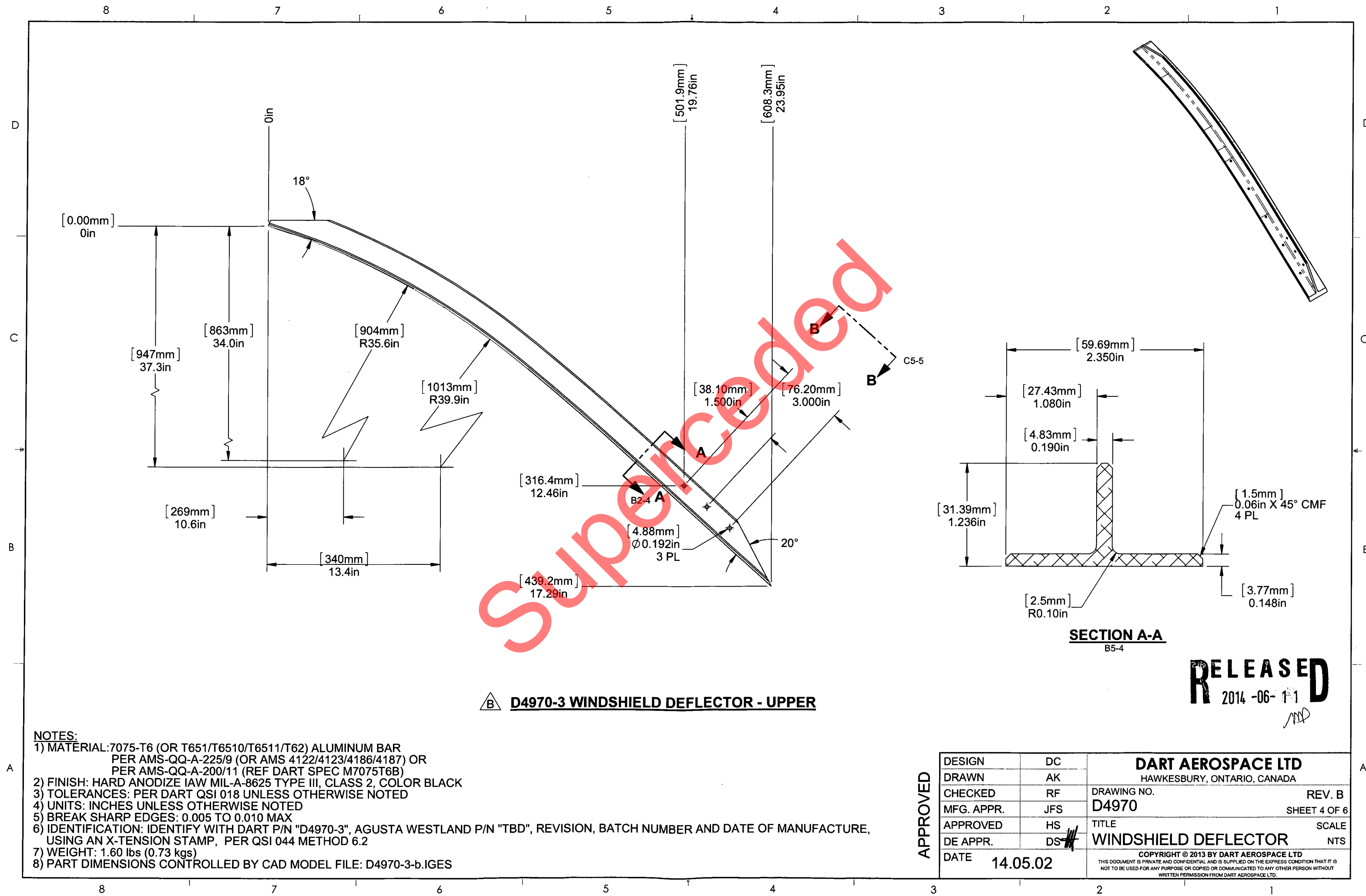
**RELEASED**  
2014-06-11

**NOTES:**

- 1) MATERIAL: 7075-T6 (OR T651/T6510/T6511/T62) ALUMINUM BAR  
PER AMS-QQ-A-225/9 (OR AMS 4122/4123/4186/4187) OR  
PER AMS-QQ-A-200/11 (REF DART SPEC M7075T6B)
- 2) FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4970-1", AGUSTA WESTLAND P/N "TBD", REVISION, BATCH NUMBER AND DATE OF MANUFACTURE,  
USING AN X-TENSION STAMP, PER QSI 044 METHOD 6.2
- 7) WEIGHT: 1.34 lbs (0.62 kgs)
- 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: D4970-1-b.IGES
- 9) REFERENCE APICAL PART NUMBER 647.9413

APPROVED

DESIGN	DC	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AK		
CHECKED	RF	DRAWING NO.	REV. B
MFG. APPR.	JFS	<b>D4970</b>	SHEET 3 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	<b>WINDSHIELD DEFLECTOR</b>	NTS
DATE	14.05.02	<small>COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

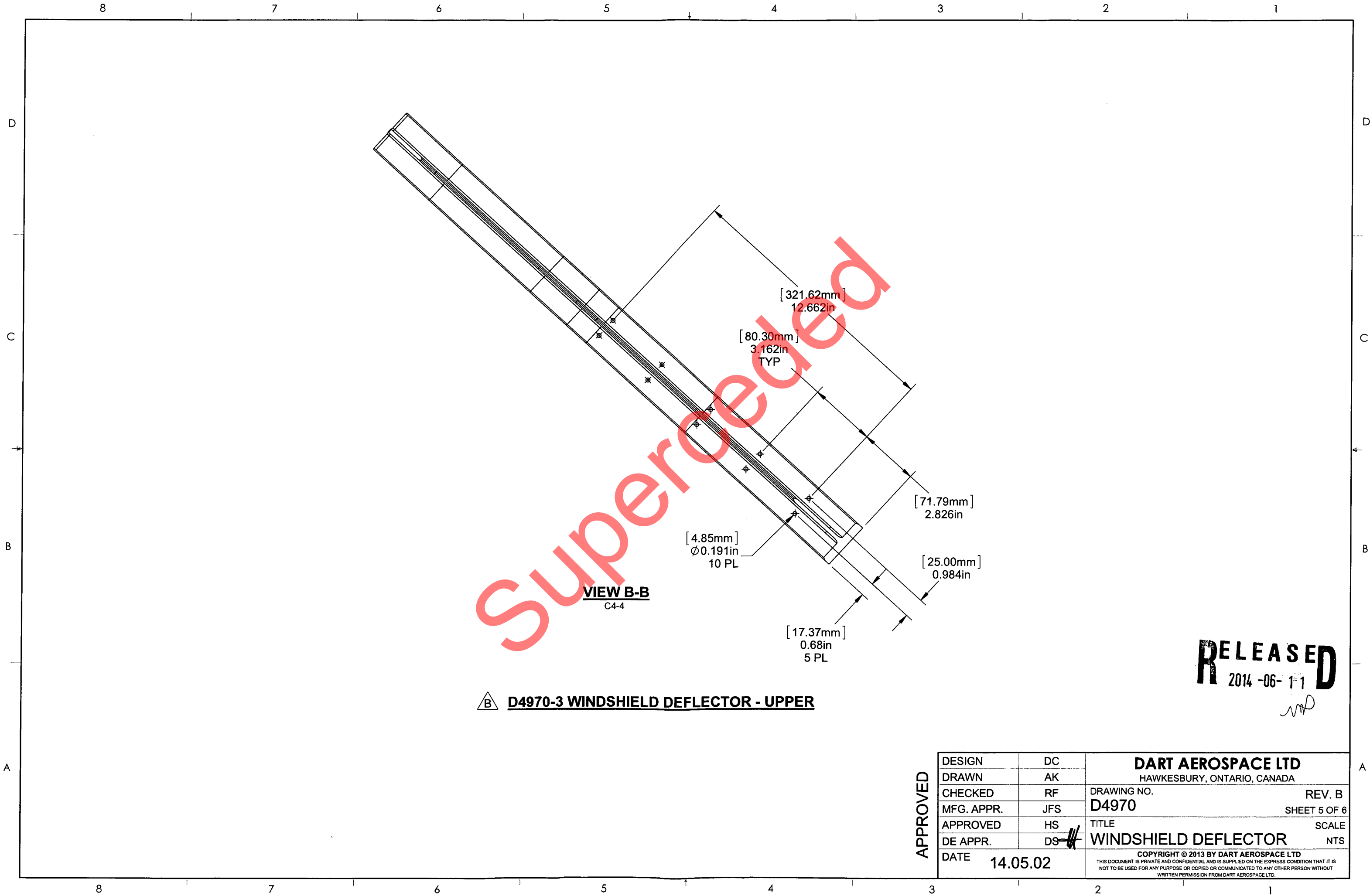


- NOTES:
- 1) MATERIAL: 7075-T6 (OR T651/T6510/T6511/T62) ALUMINUM BAR  
PER AMS-QQ-A-225/9 (OR AMS 4122/4123/4186/4187) OR  
PER AMS-QQ-A-200/11 (REF DART SPEC M7075T6B)
  - 2) FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4970-3", AGUSTA WESTLAND P/N "TBD", REVISION, BATCH NUMBER AND DATE OF MANUFACTURE,  
USING AN X-TENSION STAMP, PER QSI 044 METHOD 6.2
  - 7) WEIGHT: 1.60 lbs (0.73 kgs)
  - 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: D4970-3-b.IGES

APPROVED

DESIGN	DC	<b>DART AEROSPACE LTD</b>	
DRAWN	AK	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. B
MFG. APPR.	JFS	D4970	SHEET 4 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	WINDSHIELD DEFLECTOR	NTS
DATE	14.05.02	COPYRIGHT © 2013 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

RELEASED  
2014-06-11



**D4970-3 WINDSHIELD DEFLECTOR - UPPER**

**RELEASED**  
2014 -06- 11

APPROVED	DESIGN	DC	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
	DRAWN	AK		
	CHECKED	RF	DRAWING NO.	REV. B
	MFG. APPR.	JFS	<b>D4970</b>	SHEET 5 OF 6
	APPROVED	HS	TITLE	SCALE
	DE APPR.	DS	<b>WINDSHIELD DEFLECTOR</b>	NTS
DATE 14.05.02			COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1

D

D

C

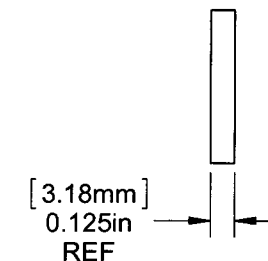
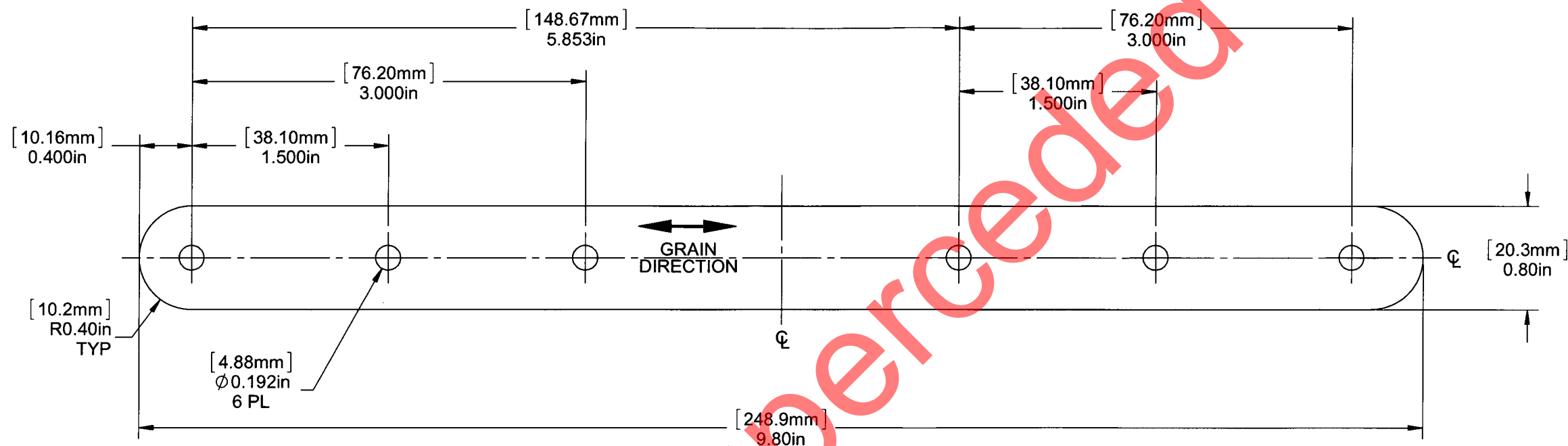
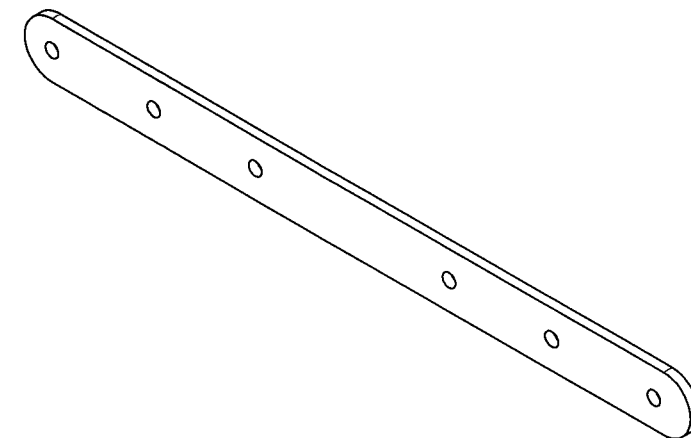
C

B

B

A

A



**D4970-5 DOUBLER**

**RELEASED**  
2014-06-11

**NOTES:**

- 1) MATERIAL: 7075-T6 (OR T651/T6510/T6511/T62) ALUMINUM BAR  
PER AMS-QQ-A-225/9 (OR AMS 4122/4123/4186/4187) OR  
PER AMS-QQ-A-200/11 (REF DART SPEC M7075T6B)
- 2) FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4970-5", AGUSTA WESTLAND P/N "TBD", REVISION, BATCH NUMBER AND DATE OF MANUFACTURE,  
USING AN X-TENSION STAMP, PER QSI 044 METHOD 6.2
- 7) WEIGHT: 0.10 lbs (0.05 kgs)
- 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE: D4970-5-b.IGES

APPROVED

DESIGN	DC	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AK		
CHECKED	RF	DRAWING NO.	REV. B
MFG. APPR.	JFS	<b>D4970</b>	SHEET 6 OF 6
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	<b>WINDSHIELD DEFLECTOR</b>	NTS
DATE	14.05.02	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	